

Transportation Accountability Commission Briefing

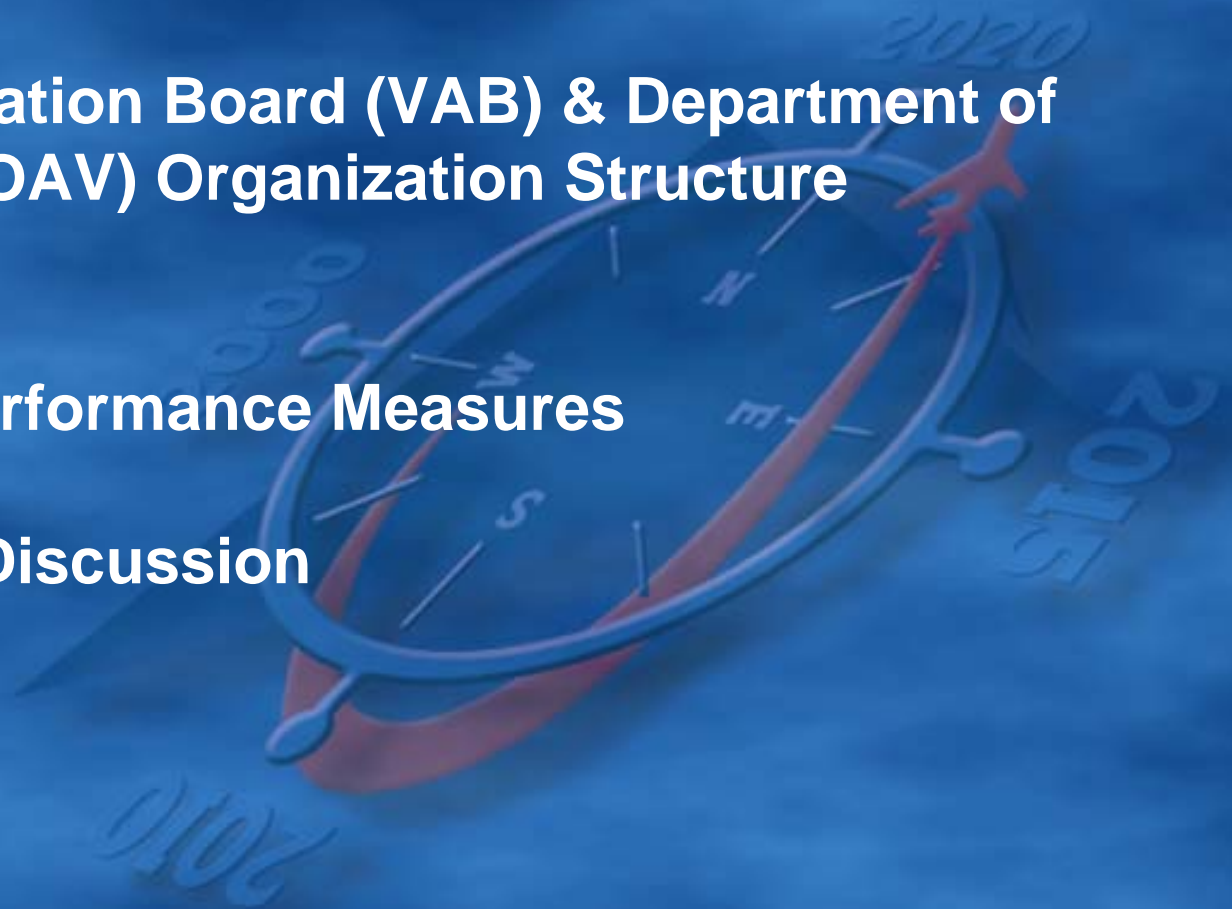
January 31, 2007



Randall Burdette
Director
Department of Aviation

Discussion Topics

- Overview Virginia Air Transportation System
- Virginia Aviation Board (VAB) & Department of Aviation (DOAV) Organization Structure & Mission
- Program Performance Measures
- Questions/Discussion

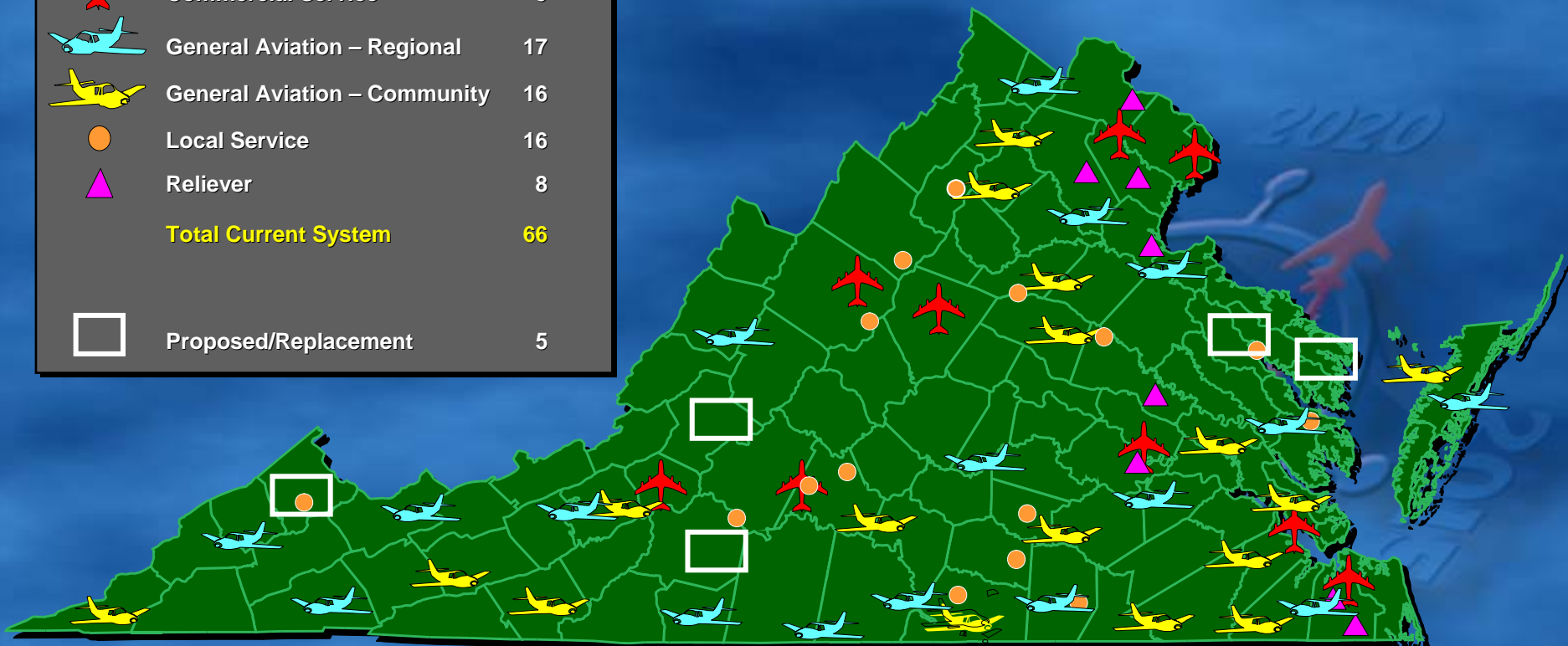
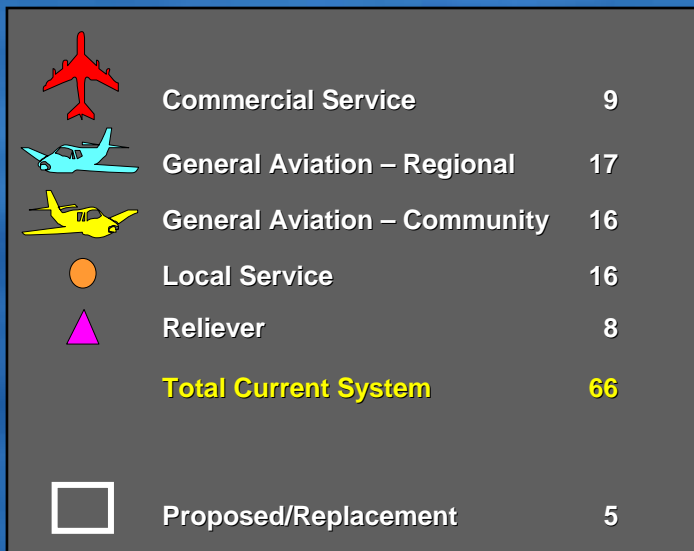


Virginia Air Transportation System

- Diverse
- Mature
- Extensive
- Effective



Virginia Air Transportation System



Virginia Air Transportation System

- 66- Public-Use airports throughout the Commonwealth
- 331- Private-Use airports
- Approximately 5,884 based aircraft
- Over 14,800 pilots
- State-owned NAVAID system (53 installations)



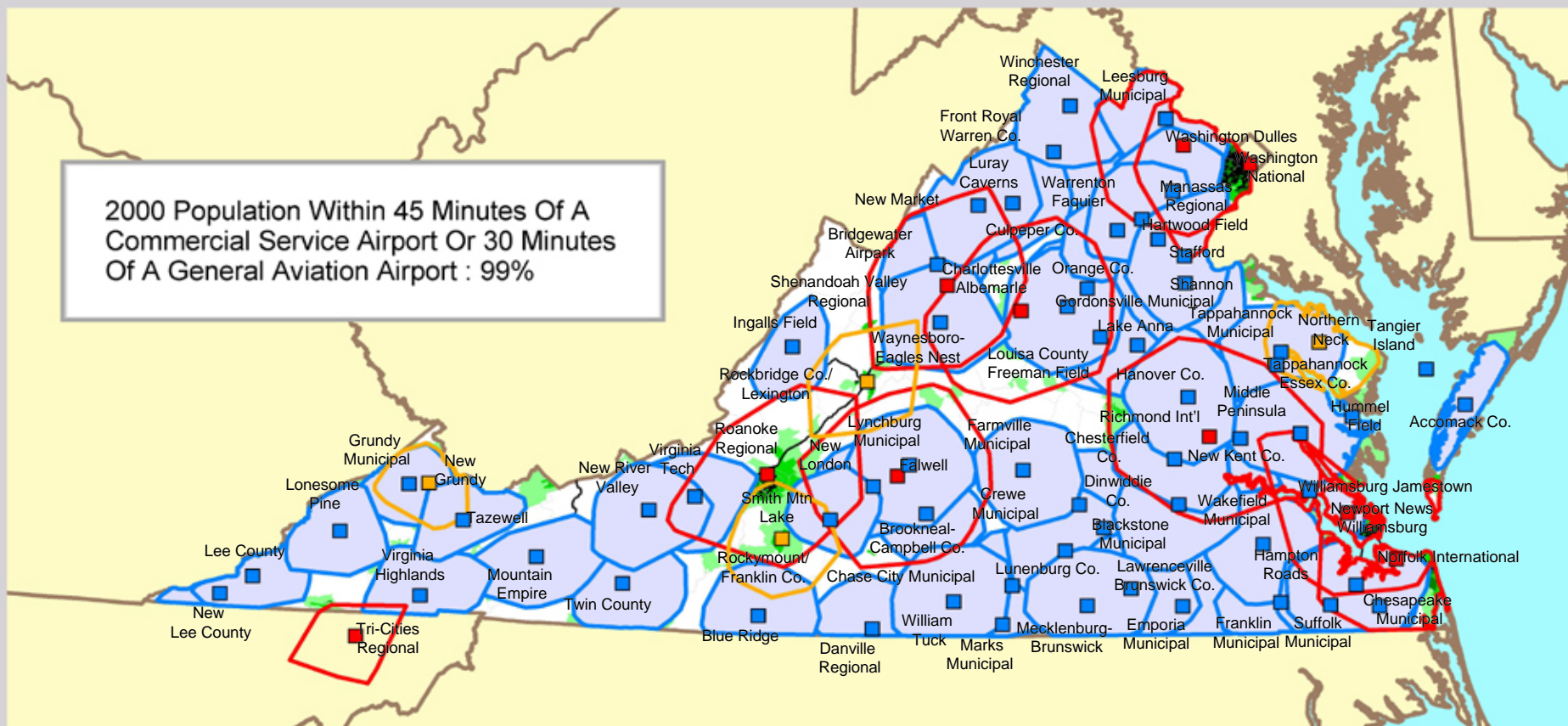


VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 2 - EXPANDED SYSTEM

Alt - Exhibit 10

2000 Population Within 45 Minutes Of A Commercial Service Airport Or 30 Minutes Of A General Aviation Airport : 99%



DRAFT

- 45 Minute Commercial Service Travel Time
- 30 Minute General Aviation Travel Time
- 30 Minute Proposed General Aviation Travel Time

- Commercial Service Airport
- General Aviation Airport
- Proposed General Aviation Airport

2000 Population Per Square Mile

- 0 - 50
- 51 - 150
- 151 - 1,500
- 1,501 - 3,000
- 3,001 - 64,000

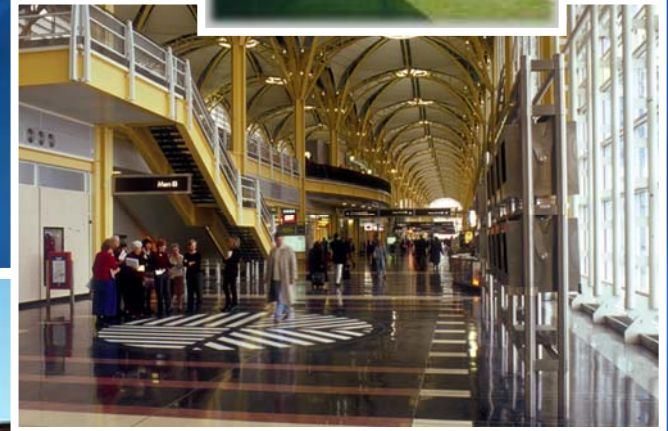
50 0 50 Miles



Source: HNTB Analysis

Airport System is an Economic Generator

- 164,091 Jobs
- \$4.8 billion in Payroll
- \$10.7 billion in Economic Activity



Proposed Airport Development by 2020

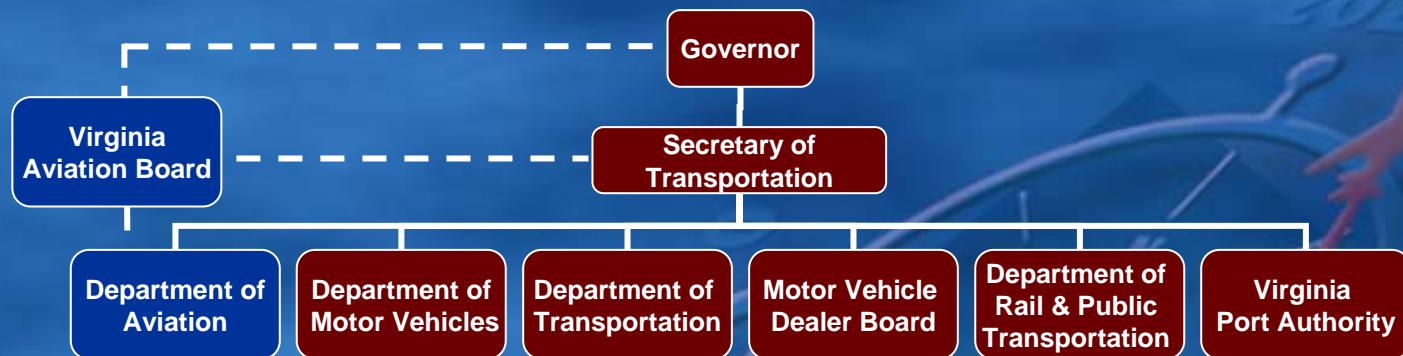
- 18 Runway Extensions
 - 10 New Runways
 - 5 at Existing Airports
 - 5 at New or Replacement Airports
 - 4 New Parallel Taxiways
 - Additional Apron Area at 22 Airports
 - Terminal Improvements at 37 Airports
 - 6 New Instrument Landing Systems (ILS)
- 

Organization Structure


- Virginia Aviation Board (VAB)
- Virginia Department of Aviation (DOAV)



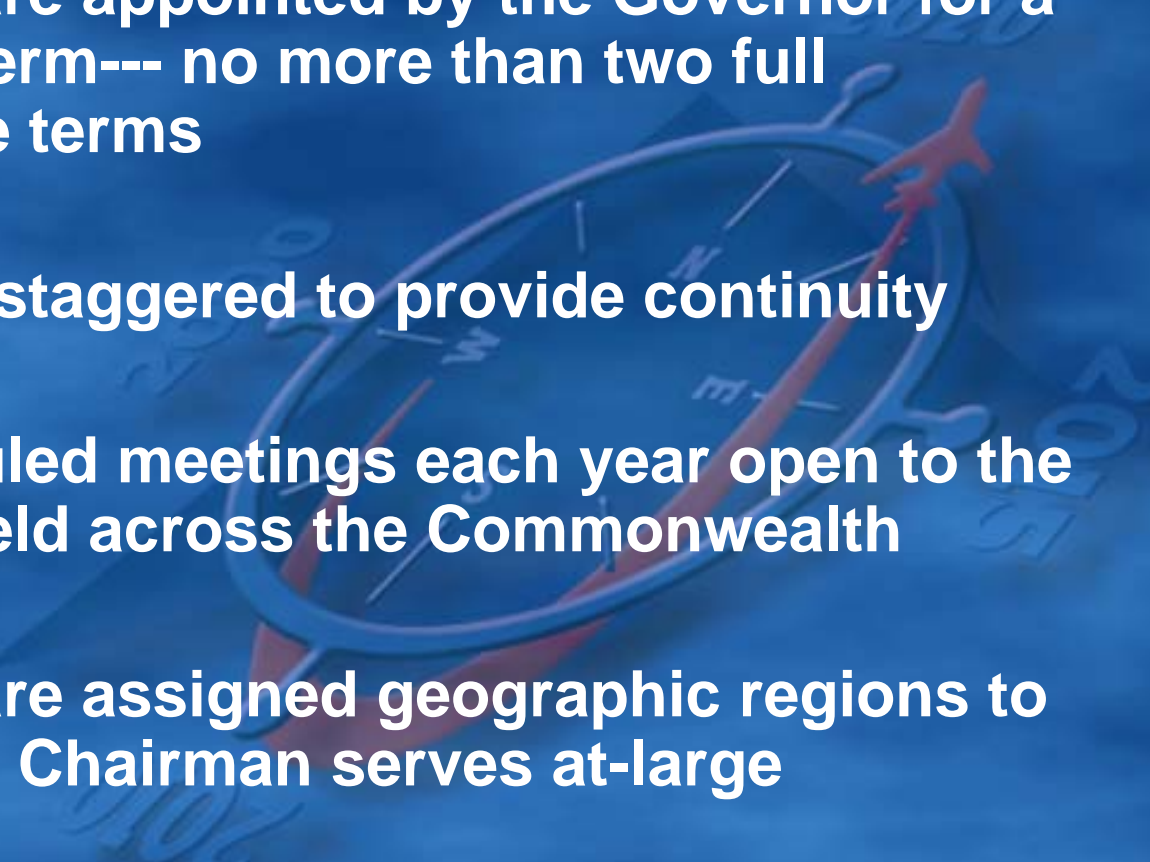
Aviation Organization Structure



Virginia Aviation Board – Responsibilities

- Provide a means for citizen access to the Department
 - Allocate funds for planning, development and promotion
 - Advise the Governor, Secretary of Transportation and Director on matters relating to aviation policies and programs
 - Promulgate regulations relating to airports, aircraft, airspace, aviation safety and operations
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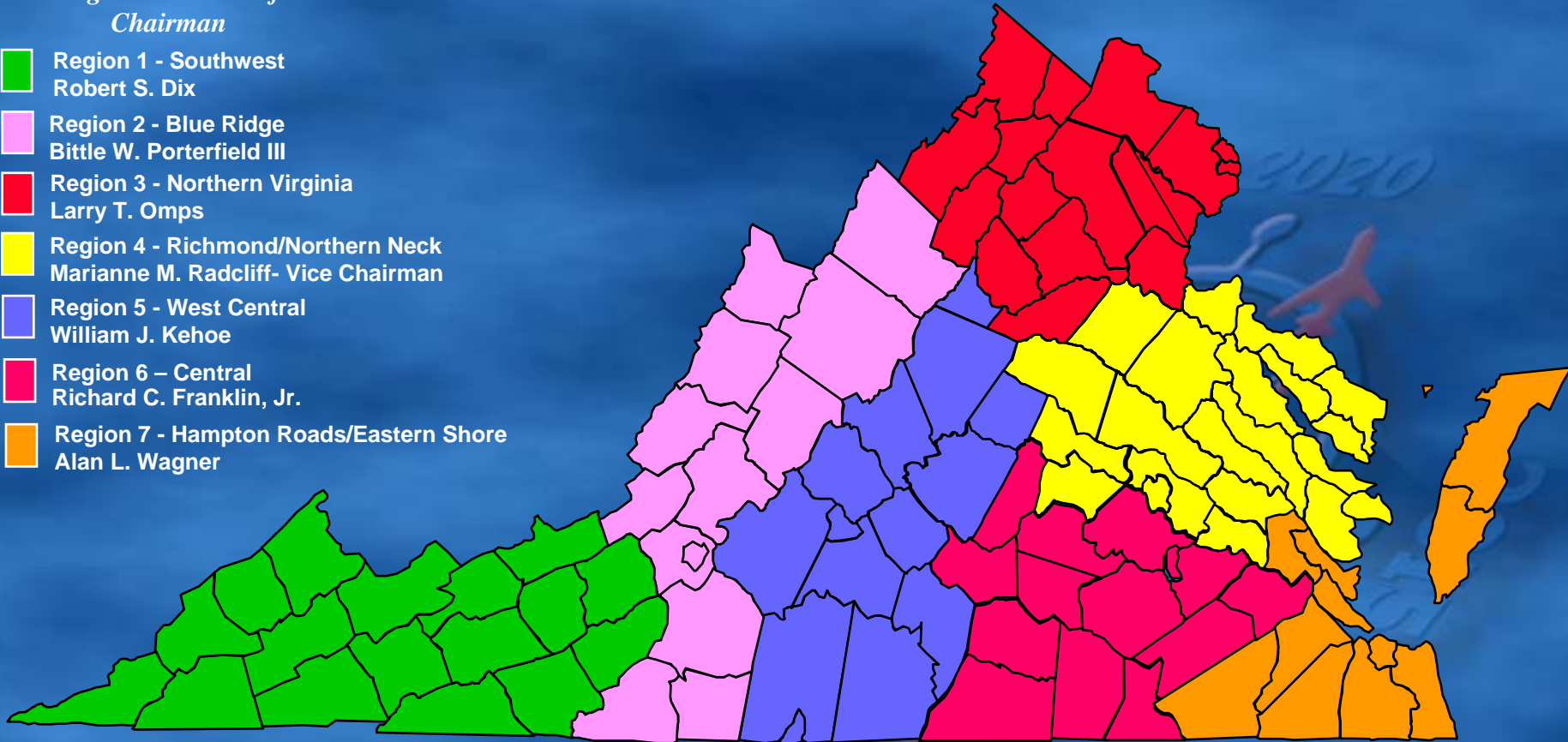
Virginia Aviation Board – Membership

- Chairman and seven members
 - Members are appointed by the Governor for a four year term--- no more than two full successive terms
 - Terms are staggered to provide continuity
 - Six scheduled meetings each year open to the public--- held across the Commonwealth
 - Members are assigned geographic regions to represent - Chairman serves at-large
- 

Virginia Aviation Board Regions

Roger L. Oberndorf
Chairman

-  Region 1 - Southwest
Robert S. Dix
-  Region 2 - Blue Ridge
Bittle W. Porterfield III
-  Region 3 - Northern Virginia
Larry T. Ompps
-  Region 4 - Richmond/Northern Neck
Marianne M. Radcliff- Vice Chairman
-  Region 5 - West Central
William J. Kehoe
-  Region 6 – Central
Richard C. Franklin, Jr.
-  Region 7 - Hampton Roads/Eastern Shore
Alan L. Wagner



Virginia Department of Aviation



Virginia Department of Aviation Vision

The Virginia Aviation System will be the model Transportation Gateway, providing economic development opportunities for all communities throughout the Commonwealth.

The Virginia Department of Aviation (DOAV) will be the standard of excellence amongst state aviation agencies,

Virginia Department of Aviation Mission

We will;

- Cultivate an advanced aviation system that is safe, secure and provides for economic development;
 - Promote aviation awareness and education; and
 - Provide executive flight services for the Commonwealth's Leadership
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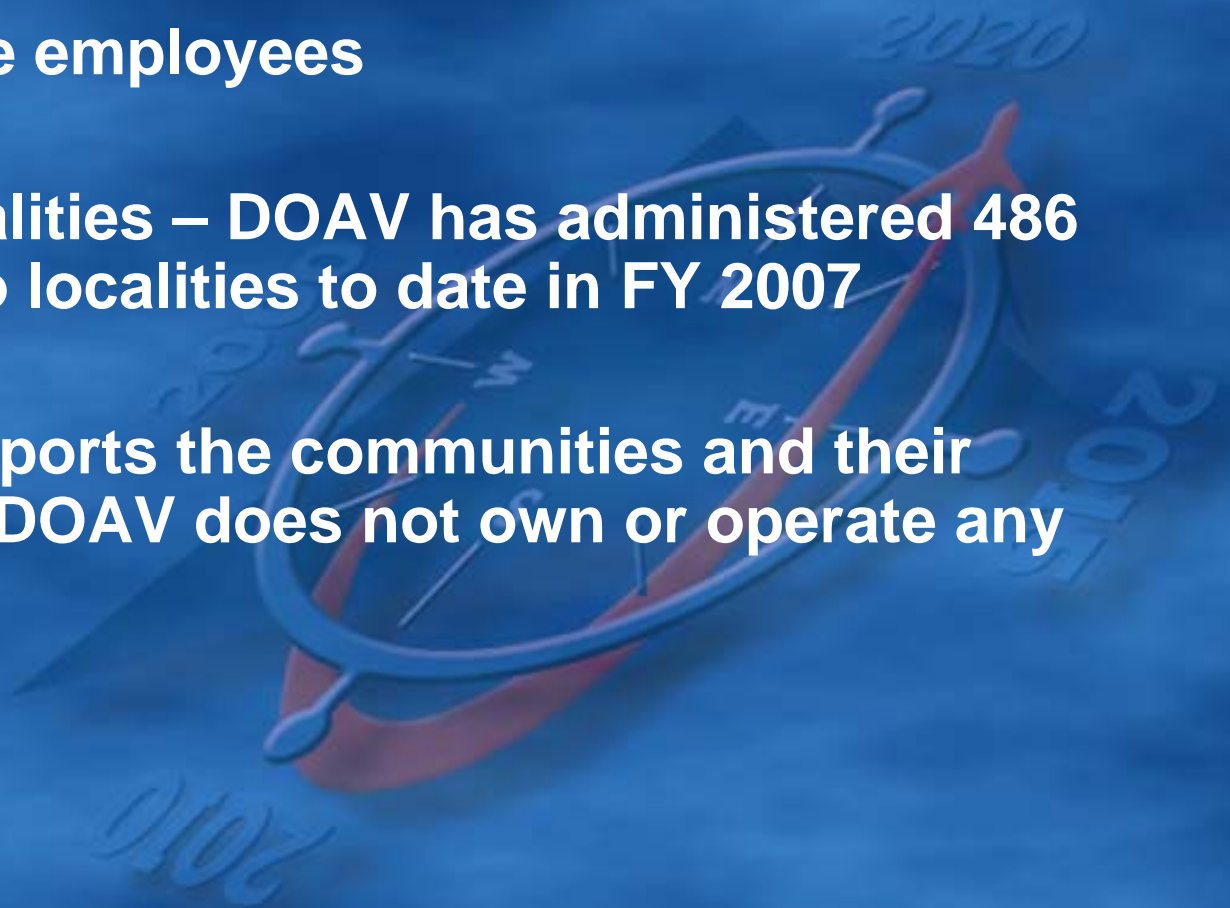
Virginia Department of Aviation Goals

- People
- Products
- Processes
- Perceptions
- Financial



Virginia Department of Aviation

- Non General Fund Agency
- 33 full time employees
- Aid to localities – DOAV has administered 486 projects to localities to date in FY 2007
- DOAV supports the communities and their airports – DOAV does not own or operate any airports



Financial Assistance to Airports

Six Financial Assistance Programs

- Airport Capital Development
 - Airport Maintenance
 - Facilities & Equipment (NAVAIDS)
 - General Aviation Airport Security
 - Air Service & Economic Development
 - Airport Promotion
- 

Airport Capital Development



FY- 07 Annual Budget - \$20.6 million

Eligible Projects

- Runway, Taxiway & Apron construction/rehabilitation
- Land and Easement Acquisition
- Airport Master Plans and Environmental Plans
- Airport Access Roads
- Fueling Systems★
- ARFF Equipment and Snow Removal Equipment
- Hangar Site Preparation
- Terminal★ and Maintenance Equipment Buildings


Funding ratios (percent)

FAA/State/Local – 95/3/2

State/Local – 80/20

Unique funding ratio★

Project Priority & Accountability Process for Capital Projects

- Developed in 1980 by DOAV staff
 - Resource allocation model
 - Ranks projects according to priority
 - Allows for objective decision making
 - Accepted standard for allocating funds by Sponsors
 - VAB establishes priorities
 - Recognized by NASAO as one of the best priority models in the nation.
- 

Airport Capital Development Key Performance Measure

- Ratio of airport development grants executed to the value of allocations available
 - 2006 84%
 - 2007 Goal 85%



Airport Maintenance Program

FY- 07 annual budget - \$1 million

Each airport may receive up to \$100,000 annually for maintenance

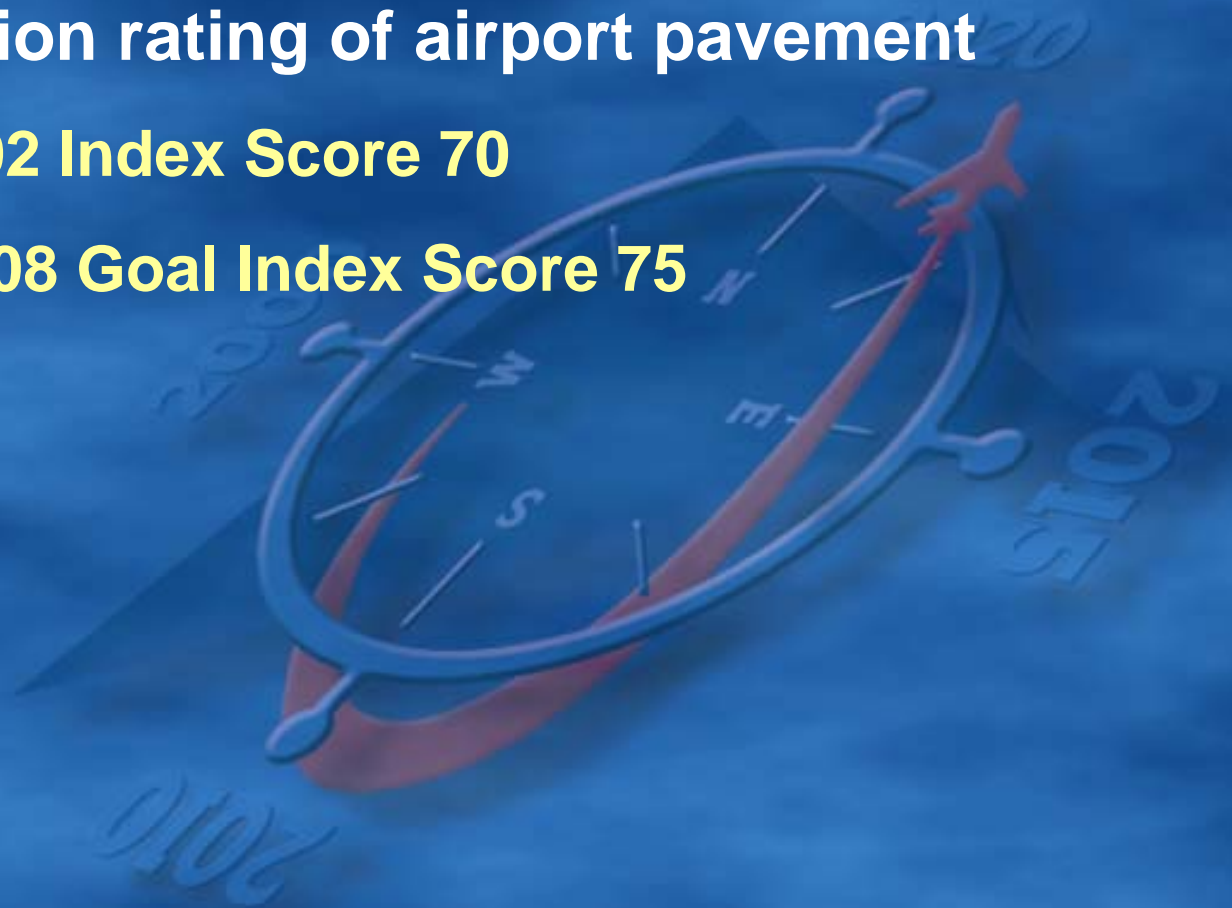
“Rule of thumb” - if the state participated in the construction or installation -- maintenance funding is available

Eligible Projects

- Obstruction removal – 80 percent state
- Pavement maintenance – 80 percent
- Repair NAVAID systems & Quarterly/annual inspections – 80 percent
- Maintain and purchase maintenance equipment – 50 percent of repair costs/five year \$35K limit per airport for equipment purchase
- Terminal Building maintenance

Airport Maintenance Program Performance Measure

- Condition rating of airport pavement
 - 2002 Index Score 70
 - 2008 Goal Index Score 75



Facility & Equipment (NAVAID) Program

FY - 07 annual budget - \$1.9 million

*Airport Sponsor Owned Equipment -
funded 80 percent State/20 Local*

- Visual Aids
 - *Runway and Taxiway Lighting and Markers*
 - *Visual Approach Guidance Aids*
 - *Rotating Beacons*
- Information Systems
 - *Pilot Weather Briefing Systems*
 - *Automated Weather Observation Systems (AWOS)*
 - *Ground Communication Outlets (GCO)*
- Supplemental
 - Wind Cones
 - Pilot controlled lighting

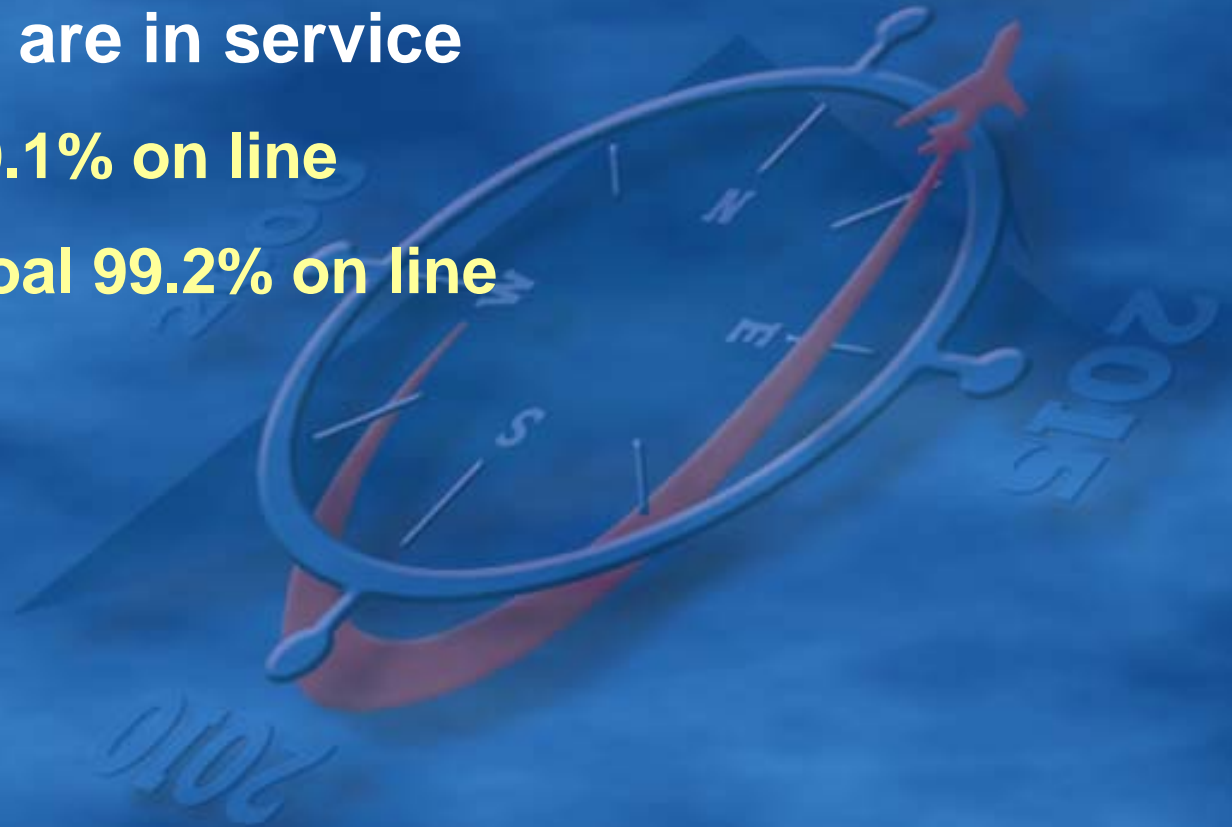
*Department Owned Equipment -
funded 100 percent DOAV*

- Localizer/CAT I ILS – 18/4
- DME - 10
- MALSR - 4
- UNICOM – 58
- NDB - 21



Facility & Equipment (NAVAID) Program Performance Measures

- Percent State owned electronic navigational equipment are in service
 - 2006 99.1% on line
 - 2007 Goal 99.2% on line



General Aviation Airport Security & Safety Programs

FY- 07 annual budget - \$750,000

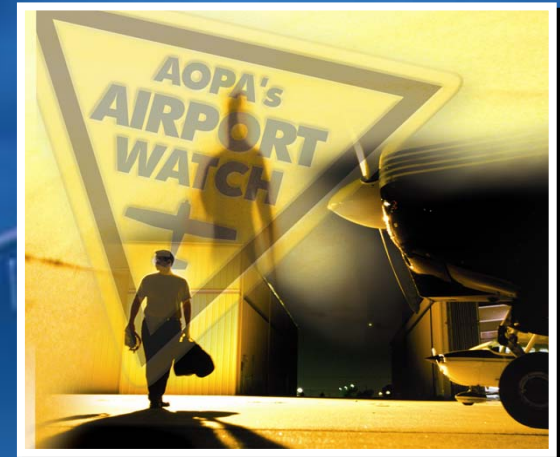
Program Eligibility

- Airport inspections
- Security Plans and Audits – State funded 100 percent
- Security projects - State funded 90 percent
- Certified Voluntary Secure Airport
 - Approved Security Plan and Audit
 - Conduct annual internal audit
 - Conduct audit every three years by outside agency
 - 10-15 bonus points applied to every capital project

Project Eligibility

- Airport Security Audit & Airport Security Plan
- Terminal and Perimeter Fencing
- Magnetic Card Controlled Gates
- Surveillance Systems
- Signage
- Lighting
- Security Barriers
- Obstruction removal

VASAC



Transportation
Security
Administration



General Aviation Airport Security & Safety Programs Performance Measures

- Percent of general aviation airports with a security plan
 - 2006 97%
 - 2007 goal 100%
 - Number of safety inspections performed
 - new measurement
 - 2007 goal 35 per year
- 

Air Service & Economic Development Programs

FY-07 annual budget - \$200,000



- Attract new air service
- Maintain and improve existing air service
- \$20,000 per/airport limit annually
- Project eligibility includes:
 - Studies, surveys and market research
 - Consultant services
 - Airline visits, travel costs and legal fees
- Funding rate based on airport classification
 - Large hubs not eligible
 - Medium hubs 1/3 cost
 - All other airports 1/2


Air Service & Economic Development Programs

Key Performance Measures


- **Increase the number of enplanements at air carrier airports**
 - **2005 26.1 million enplanements**
 - **2007 Goal 27.3 million enplanements**
 - **Increase the amount of economic activity generated by Virginia's airport system**
 - **2004 \$10.7 billion economic activity**
 - **2007 Goal \$11.7 billion economic activity**
- 

Aviation Promotion & Aerospace Education Program


FY-07 annual budget - \$300,000




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- **State funding participation based on activity**
 - **≤ 25K enplanements or 25 BAC 2/3 costs**
 - **> 25K or 25 BAC ½ costs**
 - **Eligible projects include:**
 - **Printed materials (e.g. brochures, news letters, flight guides)**
 - **Advertisement (e.g. print media, billboards, displays)**
 - **Air time – radio and TV**
 - **Aviation Education**
 - **Education supplies**
 - **Education activities**
 - **Special Events**
 - **Airport appreciation days**
 - **Fly-ins and air shows**
 - **Business and Financial Plans**
 - **Meetings for promotional activities**

Aviation Community Outreach


Back by Popular Demand!
 Virginia Department of Aviation & AOPA Air Safety Foundation

Invite You to Celebrate



25

years of
Virginia
Aviation Safety Week

ROD MACHADO
Hanover - June 5, 2009
 Virginia Air & Space Center
 (7:00-9:00 p.m.)
www.cas.org

Rod likes to educate with humor and pertinent stories to relate that learning has his experience. Write and co-authored ABC's Wkld. World of Things. He is AOPA's National CFI spokesman and National Accident Prevention Coordinator appointed by the FAA in Washington, D.C.

CAPTAIN AL HAYNES
Manassas - June 6, 2009
 (Night Flight) Unger
 (7:00-9:00 p.m.)
www.natflightrt.com

United Airlines Flight 232 diverted Denver at about 7:50 p.m. and climbed uncontrolled to a vertical altitude of 37,000 feet. At approximately 5:15 p.m. the engine failed and the 40 engine had failed and that the aircraft was only marginally stable...

GREG FEITH
Richmond - June 7, 2009
 (Night Flight) Unger
 (7:00-9:00 p.m.)
www.cas.org

After 20 years of government service at the National Transportation Safety Board (NTSB), Mr. Feith departed the government service. He led the "The History Channel" documentary series, "Secrets of the Black Box."

MARK GRADY
Roanoke - June 8, 2009
 (Night Flight) Unger
 (7:00-9:00 p.m.)
www.cas.org

In 1998 the FAA named him North Carolina's Aviation Safety Council of the Year. Mark worked 10 years as a traffic watch pilot, reporting for three major stations.

For more information, including directions to locations, please visit the websites listed above.

Aviation Safety Seminars



National & State Aviation Events



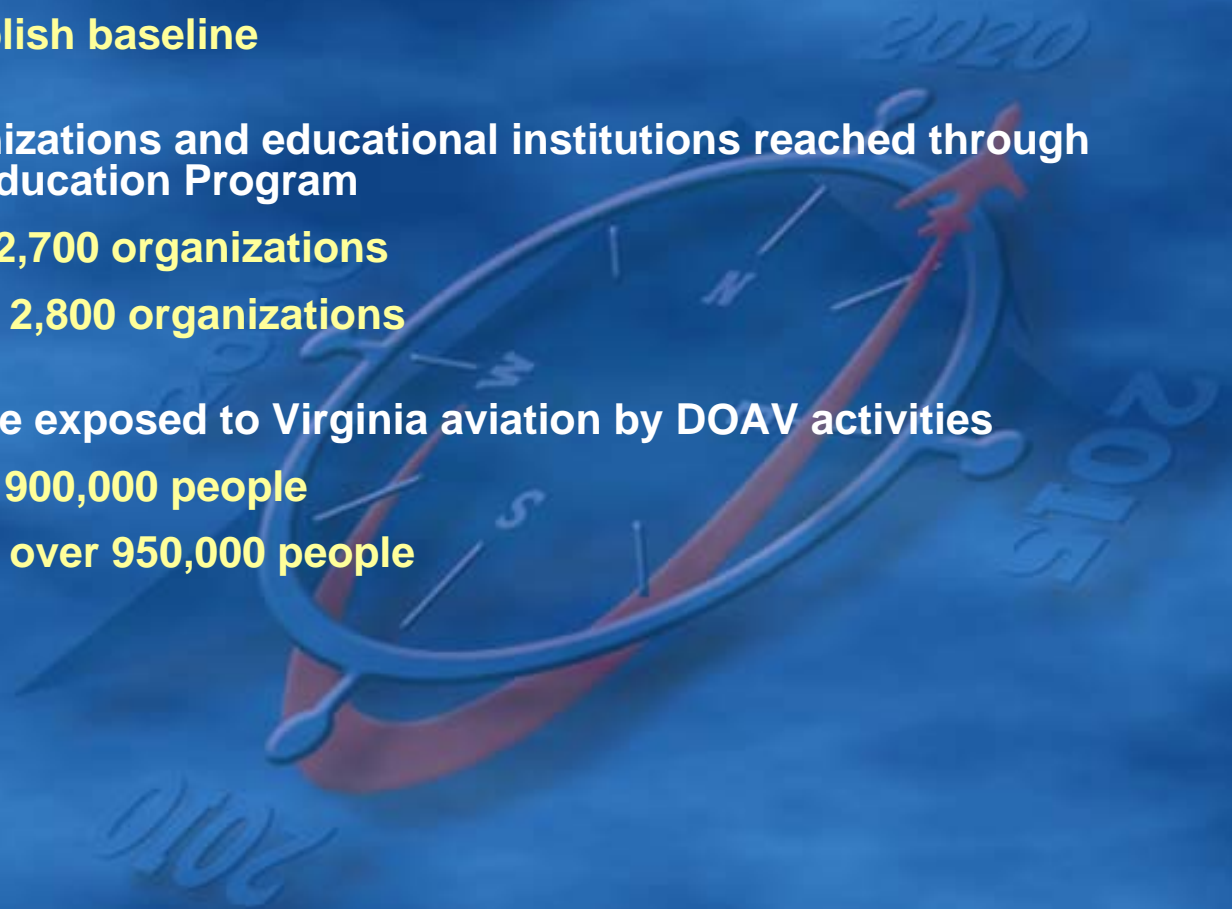
Technical Seminars



Aviation Education

Aviation Promotion & Aerospace Education Programs Performance Measures

- Ratio of aviation promotion grants executed to the value of allocations available
 - 2007 establish baseline
- Number of organizations and educational institutions reached through the Aerospace Education Program
 - 2006 over 2,700 organizations
 - 2008 Goal 2,800 organizations
- Number of people exposed to Virginia aviation by DOAV activities
 - 2005 over 900,000 people
 - 2007 Goal over 950,000 people



DOAV Aircraft Operations & Safety Programs

Annual Operating Budget - \$1.6 Million

- Provide safe, secure and affordable air transportation for the Governor, Cabinet Secretaries and state employees
- Economic development tool
- 230- 295 mission per year
- 900 - 1,000 flight hours per year
- Conducts Safety Seminars throughout the Commonwealth

King Air 200



Citation SII

Turbo Commander 1000



DOAV Aircraft Operations & Safety Program Performance Measures

- Annual assessment rating of flight operations safety
 - 2007 new measure
 - Independent assessment of flight operations safety
- Customer satisfaction survey rating of satisfied or better
 - 2007 new measure
 - Baseline will be established from the 2007 results
- Percent days aircraft are available for flights
 - 2005 79%
 - 2008 Goal 85%
- Number of aviation safety events sponsored by DOAV
 - 2005 nine events
 - 2007 Goal nine events

Transportation Accountability Commission Questions & Discussion

Contact Information

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